

CLAIM AMENDMENTS

Claims 1-75 (canceled).

Claim 76 (currently amended): A movement detecting device comprising an inertial sensor and adapted to sense multidirectional movement, and control circuitry for distinguishing abetween opposing directions of movement sensed by said sensor along a single axis of motion.

Claim 77 (previously presented): The device of claim 76 wherein said control circuitry comprises a first circuit adapted for sensing movement in a first direction and a second circuit adapted for sensing movement in a second direction.

Claim 78 (currently amended): The device of claim ~~76~~77 wherein said first and second circuits respectively comprise positive and negative displacement threshold circuits adapted to produce an output when said sensor detects a specified level of movement, said positive and negative displacement threshold circuits having either the same or different displacement thresholds.

Claim 79 (previously presented): The device of claim 76 wherein said sensor comprises a gyroscope sensor.

Claim 80 (previously presented): The device of claim 76 wherein said sensor comprises a MEMS accelerometer sensor.

Claim 81 (previously presented): The device of claim 76 wherein said sensor comprises a piezo film accelerometer sensor.

Claim 82 (previously presented): The device of claim 76 wherein said sensor comprises a piezoelectric transducer having a piezoelectric element and a mass operatively attached to flex said piezoelectric element.

Claim 83 (previously presented): The device of claim 82 wherein said mass is one of a quantity of adhesive, a quantity of solder, or a solid object bonded to said piezoelectric element or to a substrate associated therewith.

Claim 84 (previously presented): The device of claim 76 wherein said sensor comprises a piezoelectric element disposed within a partial vacuum environment.

Claim 85 (previously presented): The device of claim 84 wherein said partial vacuum environment is provided by an airtight compartment.

Claim 86 (previously presented): The device of claim 76 further comprising a magnetic field sensor.

Claim 87 (currently amended): The ~~sensor~~device of claim 76 wherein said ~~sensor~~ is ~~disposed in a device that is~~ activated or deactivated by said sensor detecting inertial movement.

Claim 88 (currently amended): The ~~sensor~~device of claim 76 wherein said ~~sensor~~ is ~~disposed in a movement detecting device~~ is adapted to generate an output in response to said sensor detecting inertial movement.

Claim 89 (currently amended): The ~~sensor~~device of claim 76 wherein said ~~sensor~~ is ~~disposed in a movement detecting and signal transmitting device~~ is adapted to transmit a wireless radio frequency signal in response to said sensor detecting inertial movement.

Claim 90 (currently amended): The ~~sensor~~device of claim 76 wherein said ~~sensor~~device is disposed in a portable security system adapted to forward a security alert to a telephone number, an email address or other endpoint in response to said sensor detecting inertial movement.

Claims 91-111 (canceled).